Work Order ID 100172 - 4 " April-18-13 1:24:12 PM

Item ID: Revision ID:	D3914-041		·	Accept	*N900	040	100) *	Setup	Start	*N	S1*
Item Name:	Long Basket	Lid Assembly (350)								Stop	*NI	C 2*
Start Date: Required Date:	4/18/13 : 5/02/13	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item I	D:					14	.)/
Reference:												
Approvals:	Process Pla	an: ML5	Date: 13-04-18	3 Tooling:	Da	te:	-	ļ	Run	Start	*N	R1*
						te:				Stop	*N	R2*
Sequence ID/ Work Center I	D	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Rej Qty		Reject Number	Insp. Stamp
Draw Nbr	Rev	ision Nbr										
D3914 D4020	pel A	BAM										
*100		Weld per dwg A/R S.S Large Fab	. rod Batch: <u>H122357</u>	0.00						<i>'</i> .		
Large Fab Large Fab		Memo 1 - assemble	e ribs, weld as per dwg D3	0.00 914 using DT9607A		$(7 x^2)$)		S.	7_13	3.04.2	5
		2- weld hin	ge (3) and Mounting bracke	ets as per dwg D3914								
		Visual i	nspect before welding mesh	1					•			
		3- tack weld	d mesh on basket as per dw	g D3914								
		Cut out D4020-5. N tacking mes	mesh where label plate goe fake sure to place mesh cor sh	s in center off basket lid a rectly on lid, check with la	as per dwg abel plate before							
110		QC9- Inspect visual per	QS1004- Fusion Welds	0.00								
110 QC Quality Control		Memo		0.00					13.	OH-3-	> (

											DQA:	Date:	
NCR:	Yes	/ No				WORK ORDER NON-C	O	NFORM	AANCE / UPI	DATE	QA Closed:	Date:	· .
		·				DISPOSITION				ACAINST	EPARTMENT,		Control of the Contro
Work Orde	er:					DISPOSITION				AGAINST D	EPAKTIVIENT, —	PROCESS	
Part I	- No	1			_	Rework Scrap Use-as-is Work Order Update	Thermoforming Finishing Large Fab Composite					Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root		ı	[Descri	ption of work order update		nitial	Act	tion	Sign &		
Cause		Date '	Step	Qty	l .	or Non-conformance	1	ief Eng	Descr	ription	Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process ' Supplier Training Unapproved													
					· · · · · · · · · · · · · · · · · · ·		AUL	T CATE	GORY				
Landi	·	Bending Centre No Cracks Crushed/ Cuffs Heat Trea Inspectio	Crimped at n Strip in		O/S	General Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short		Instruct Mainte Mislabe Misread	on Incomplete ions Incomplete/I nance iled	Unclear	Ovalized Over/Under Part Incorre Part Lost/M Part Moved Positioned V	ct issing Vrong	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other
-	-	Ripples in		Extrusio	, <u> </u>	Drill Holes	-	Offset	alibration				***

Outside Dimensions

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Turning Sequence

Wave/Twist in Tube

Finish

Insp.

Stamp

Work Order ID 100172

Hand Finishing

100172

April-18-13 1:24:12 PM Item ID: D3914-041 Accept *N900040100* Setup Start Revision ID: Item Name: Long Basket Lid Assembly (350) **Start Date:** 4/18/13 Start Qty: 1.00 **Cust Item ID:** Required Date: 5/02/13 Req'd Qty: 1.00 **Customer:** Reference: Run Start Approvals: Process Plan: Date: Tooling: Date: QC: _____ Date: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Accept Reject Reject Work Center ID Description **Run Hours** Code Qty Qty Number 120 QC5- Inspect part completeness to step on W/O 0.00 *120* 13-04.30 QC 0.00 Memo Quality Control 130 Black Sandtex(Ref:4.3.5.7) per QSI005 4.3 0.00 1X8 m/ 13/04/30 *130* ~30 Powdercoat 0.00 Memo *** mask sides of hinge prior to powdercoat***
Start Time: Powder Coating Oven Temperature: Finish Time: Wing Walk as per dwg QSI005 4.4 Batch 125/82000 140 *140* HandFinish 0.00 Memo

1- Mask data plate and apply wing walk on outside surface of mesh as per dwg

2- Install placard and label as per dwg

***Mask label plate to size of label, use scotchbrite red pad to lightly sand area for label, apply label ***

NCR: Y	es / No				WORK ORDER NON-O	CONF	ORMANCE	/ UPD/		QA Closed:	Dat	e:
Work Orde	r:	!			DISPOSITION	1			AGAINST DE	PARTMENT/	-	
	lo	!			Rework Scrap Use-as-is		Skid-tube Machining nermoforming	g	Crosstube Small Fab Finishing	1	Water Jet d. Eng. Coor. e/Packaging	Engineering Quality Other
NCR N	0				Work Order Update	J	Large Fal	у <u> </u>	Composite		Supplier	
Root					ption of work order update	Initi	1	Actio		Sign &		
Cause	Date	Step	Qty		or Non-conformance	Chief	Eng	Descrip	otion	Date	Verification	n QC Inspector
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Setup	⊣ ,			:								
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Supplier												
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Landin	ng Gear				General	AOLIC	AILGOILI					
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<u> </u>	Centre No	ot Conce	ntric to	o/s	BOM/Route		rdware		<u> </u>	Over/Under	tolerance	Temperature/Cure
l l	Cracks			-/·	Broken/Damaged	—	pection Incomp	olete	-	Part Incorre	ct	Weld
ŀ	Crushed/	Crimped			Burrs	_	tructions Incon		nclear	 Part Lost/Mi	ssing	Wrong Stock Pulled
ļ	Cuffs			ļ	Contamination	\vdash	aintenance	•		Part Moved		
Ī	Heat Trea	at			Countersink	Мі	slabeled			Positioned V	Vrong	
	Inspectio		Tube		Cut Too Short	Мі	sread			Power Loss/	Surge	Other
	Ripples in				Drill Holes	Of	set					
Ī	Torque W	laves in E	Extrusio	n	Drawing	Ou	t of Calibration	ł				
	Turning S	equence			Finish	Ou	t of Sequence					

Outside Dimensions

DQA: _____ Date: ____

Wave/Twist in Tube

Finish Folio

Work Ord April-18-13 1:		00172		*100	172*	· .				} - * √ √	Page
Item ID: Revision ID:	D3914-041			Accept	*N900	040	100)* s	Setup Star	I A	S1*
Item Name:		Lid Assembly (350)							Stop	^p *N	S2*
Start Date: Required Date Reference:	4/18/13 : 5/02/13	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item I Customer:	ID:					
Approvals:	Process Pl	an:	Date:	Tooling:	D:	ate:		F	Run Star	* *N	R1*
			Date:			ate:			Stop	*N	R2*
Sequence ID/ Work Center I 150 *150* QC Quality Control	D	Operation Description QC3- Inspect Part Finish Memo		Set Up/ Run Hours 0.00	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
*160 *160* Packaging Packaging		Identify as per dwg & Stoc	k Location: DAD	82 OS.66/ 0.00	100 15G			_/_		BL 13	² 5-1.
*170	· .	QC21- Final Inspection - V	Vork Order Release	0.00					~ \ 0	-UP -	λ/
QC Quality Control		Memo		0.00					213	0// 0	00

NCR:	/es	/ No				WORK ORDER NON-O	CO	VFOR	MANCE / UPDATE					
			.,								QA Closed:	Da	te:	
Mank Ond						DISPOSITION			AGAINST	DE	PARTMENT/	PROCESS	٠	•
Work Orde	er: -			· · · ·		Rework	1		Skid-tube Crosstube	Γ.]	Water Jet	\neg	Engineering
Part N	۱o.					Scrap			Machining Small Fab	\vdash	Prod	d. Eng. Coor.		Quality
	_					Use-as-is]	Therr	noforming Finishing	· ——	Rec/Stor	e/Packaging	\neg	Other
NCR N	10					Work Order Update			Large Fab Composite	<u>:</u>		Supplier		
Root					Descri	ption of work order update	Π	Initial	Action		Sign &			
Cause		Date	Step	Qty		or Non-conformance	Ch	ief Eng	Description		Date	Verificatio	n	QC Inspector
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Material			1				1	.*						
Setup			ļ				}	· ·						
Other														
Process														
Supplier	\square													
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Unapproved	Ш		<u> </u>				<u> </u>	T CATE	CORV					
Landi		`~~				General General	AUL	CAIL	GONT					
Lanui		Bending				Bend	_	Grain			Ovalized			Pressure/Forced
	-	Centre No	ot Conce	ntric to (BOM/Route	_	Hardwa	are	\vdash	Over/Under	tolerance	П	Temperature/Cure
	Н	Cracks	or conce	intile to v	⁵ / ₅	Broken/Damaged	-	4	ion Incomplete	-	Part Incorred		Н	Weld
	\vdash	Crushed/	Crimped		-	Burrs		4 '	tions Incomplete/Unclear		Part Lost/Mi		\vdash	Wrong Stock Pulled
		Cuffs	c. mpcu.	-		Contamination		4	enance		Part Moved	Ü		, •
		Heat Trea	at		<u> </u>	Countersink		Mislab			Positioned V	Vrong		
	\vdash	Inspection		Tube		Cut Too Short		Misrea		\vdash	Power Loss/			Other
	\vdash	Ripples in				Drill Holes		Offset			<u> </u>	-		
	-	Torque W		Extrusio	n	Drawing	Out of Calibration							

Outside Dimensions

DQA: Date:

Turning Sequence Wave/Twist in Tube

Finish Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Picklist Print

April-18-13 1:24:16 PM

Work Order ID: 100172

100172

Parent Item:

D3914-041

D3914-041

Parent Item Name: Long Basket Lid Assembly (350)

Start Date: 4/18/13

Required Date: 5/02/13

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP Rev:A new issue DD 10.03.19 verified by:EC

as per dwg revB DD 10.08.18 verified by:EC

PER DWG REV.pc1 DD VERF:JLM

IPP Rev:B IPP Rev:C 13.03.14 AS

and the state of t

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty	er Kit	Total Qty	Qty Issued	Date Issued	Status	
D2581		Manufactured	No			100	Each	72.0000		2	2				
D2581									**	4	3981	08 ->	av .		

Mounting Bracket

Location	Lo	c Qty	Loc Code		
WA		44			
98503		44			
WA004		28			
70766		2			
81253		1			
82506		2			
83230		3			
85452		2			
87706		2			
98108		16			
	100	Each	17.0000	2	2

D3914-1

Location Loc Oty Loc Code WA004 2 88645 2 WA005 15 81449 82131

> 87079 97660

397660 → 2x Jy 13.04.24

Manufactured

12

SH 13.04.24

NCR: Y	es / No	1			WORK ORDER NON-	CON	NFORM	MANCE / UP	DATE	QA Closed:	Date	a·
		1	· · · · · · · · · · · · · · · · · · ·		DISPOSITION				AGAINST DE	1		
Work Orde	r:	1				, I				1		
		į.			, Rework	↓ 		Skid-tube	Crosstube	ļ "	Water Jet	Engineering
Part N	0				Scrap	┦ ┃		Machining	Small Fab	4	d. Eng. Coor.	Quality Other
N/CD A	•	1			Use-as-is	┦┃		noforming Large Fab	Finishing Composite	Rec/stor	re/Packaging Supplier	
NCR N	10				Work Order Update] [rarge ran	Composite		20ppilei [
Root	-			Descri	ption of work order update	 	nitial	Ac	tion	Sign &		
Cause	Date	Step	Qty		or Non-conformance	Ch	ief Eng	Desc	ription	Date	Verification	QC Inspector
Doc/Data												
Equip/Tooling											-	
Operator		;	1							İ		
Material [1										
Setup		1										
Other												
Process			1									
Supplier		,]										
Training		!									ĺ	
Unapproved		<u> </u>							·	1	<u> </u>	
		·				AUL	T CATE	GORY				
Landir	ng Gear	!			General		1			7	Г	¬_ ,_ ,
	Bending			\vdash	Bend	—	Grain		ļ	Ovalized		Pressure/Forced
		Not Conce	entric to (o/s	BOM/Route		Hardwa		-	Over/Under	F	Temperature/Cure
	Cracks				Broken/Damaged	\vdash	· '	ion Incomplete		Part Incorre	-	Weld
		d/Crimped	l.		Burrs	-	ł	ions Incomplete/	'Unclear	Part Lost/M	issing [Wrong Stock Pulled
	Cuffs			_	Contamination	<u> </u>	Mainte		<u> </u>	Part Moved	• /	
1	Heat Tr			<u> </u>	Countersink		Mislabe		-	Positioned \		
		ion Strip ir	n Tube	<u> </u>	Cut Too Short	—	Misrea	d	L	Power Loss,	Surge [Other
	Ripples			<u> </u> _	Drill Holes	<u> </u>	Offset					
į	Torque	Waves in	Extrusio	n [_	Drawing		Out of	Calibration				

Outside Dimensions

DQA:

Date:

Turning Sequence

Wave/Twist in Tube

Finish

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Picklist Print

April-18-13 1:24:16 PM

Work Order ID: 100172

Parent Item:

D3914-041

100172 *D3914-041*

Parent Item Name: Long Basket Lid Assembly (350)

Start Date: 4/18/13

Required Date: 5/02/13

Start Qty: 1.00

Required Qty: 1.00

D3914-7 ✓*D3914-7*

Manufactured

100

Each

19.0000

** B 97949 >2V

		Location		Loc Q	¥	Loc Code			SY 13.04.24	,
		WA004			4				איףטיפו נעצ	
		9713	35		4					
ζ.		WA005			15					
		8292	28		3					
		8864			1					
		9794	149		11					
Manufactured	No		1	00	Each	31.0000	3	3		
							**	Bim	nn 2-27.	

Hinge Half, Lid

D4016-3

Location WA004 94755 95317

31 8 5 95563 18

100

Loc Code

Sy13.04.24

18.0000 **

Location WA004

Loc Qty

Loc Qty

Loc Code

B9030/->9x

D4020-5

D4018-5

Mesh (350 Basket Long, Lid)

Manufactured No

Manufactured

88678

100

18 18 Each

Each

3.0000

**

B92167 SY 13.04.24

Location Loc Oty Loc Code WA007 3 96611 3

April-18-13 1:24:16 PM

Shop Packet Print

Page 2

NCR:	Yes	/ No				WORK ORDER NON-	COI	NFORM	MANCE / UPI	DATE			
											QA Closed:	Date:	
Work Orde	er:					DISPOSITION				AGAINST DE	PARTMENT,		1
Part N	_					Rework Scrap Use-as-is Work Order Update		f Therm	Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite	4	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
NCK	1 0					Work Order opdate]		
Root Cause		Date	Step	Qty		ption of work order update or Non-conformance	- 1	Initial nief Eng		ion ription	Sign & Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved													
							FAUL	LT CATE	GORY				
Landi		Bending Centre No Cracks Crushed/ Cuffs Heat Trea Inspectio Ripples in	Crimped at n Strip in i Bend	Tube		General Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes		Instruct Mainte Mislabe Misread Offset	ion Incomplete tions Incomplete/Uenance eled	Unclear	Ovalized Over/Under Part Incorre Part Lost/M Part Moved Positioned V Power Loss/	ct sissing Vrong	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other
		Torque W	aves in 8	Extrusion	,	Drawing		Out of	Calibration				

Outside Dimensions

DQA: Date:

Turning Sequence

Wave/Twist in Tube

Finish

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

April-18-13 1:24:16 PM

Work Order ID: 100172

Parent Item:

D3914-041

D3914-041

√*D4021-3*

Parent Item Name: Long Basket Lid Assembly (350)

Start Date: 4/18/13

Required Date: 5/02/13

Start Qty: 1.00

Required Qty: 1.00

D4021-3

Manufactured

Manufactured

100

Each

25.0000

Loc Code

B88510 \$ 13.04.24

Data Plate

Location WA004

Location

WA004

80897 82507 88510

9 1 15 100 Each

Loc Oty

25

7.0000

Lid Rib Assembly, Fwd (350 Basket)

Manufactured

WA005 89282

97733

Loc Oty 6 140 Each

0.0000

Loc Code

**

Dart Logo label

D2728-3

Batch: 398841

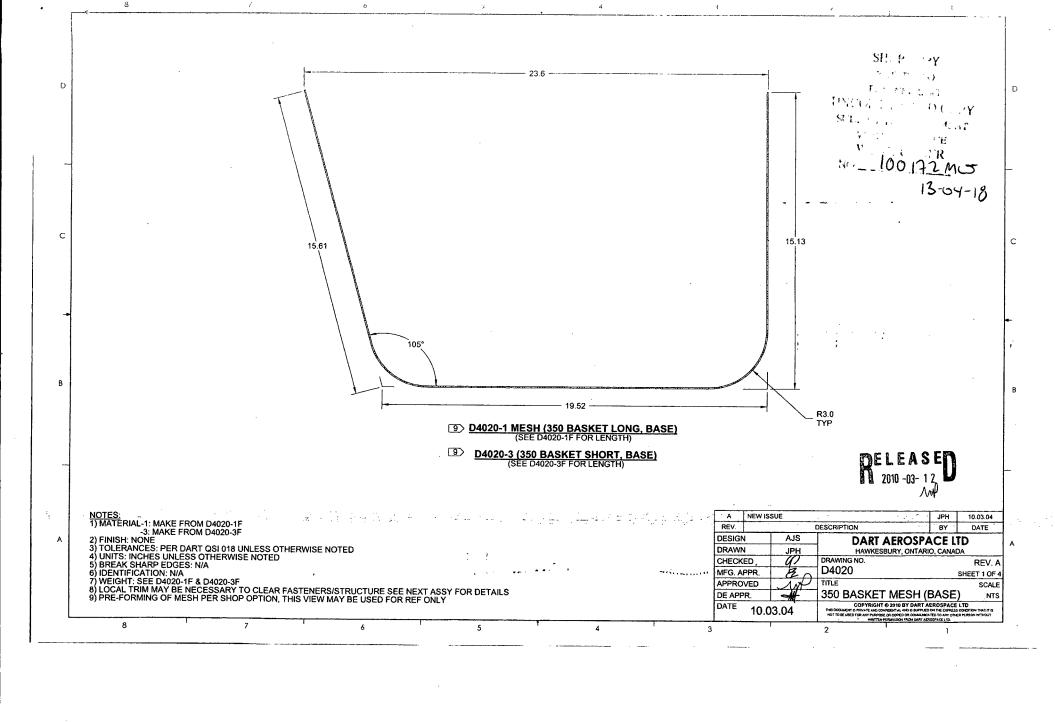
NCR: Y	es / No				WORK ORDER NON	-COI	NFOR	MANCE / UP		QA Closed:	Date	· ·
										QA Closed.	Date	
Maria Cuda		1			DISPOSITION				AGAINST DEI	PARTMENT/	PROCESS	
Work Orde	er:				Rework	\neg		Skid-tube	Crosstube		Water Jet	Engineering
Dart N	lo.	r			Scrap			Machining	Small Fab	Pro	d. Eng. Coor.	Quality
Part N	VO.	i			Use-as-is	\dashv		noforming	Finishing	1	e/Packaging	Other
NCR N	lo.				Work Order Update	\dashv \parallel		Large Fab	Composite	1100,000	Supplier	-
Well	···				Work Order opaate		1	zarge vaz		l		
Root				Descri	ption of work order update		nitial	Ac	tion	Sign &		
Cause	Date	Step	Qty		or Non-conformance	Ch	ief Eng	Desc	ription	Date	Verification	QC Inspector
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Equip/Tooling												
Operator			1							į		
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Setup	,		}								•	
Other												
Process			1									
Supplier						İ						
Training												
Unapproved	ı	<u>]</u>								<u> </u>	<u> </u>	
	i					FAUL	T CATE	GORY				
Landii	ng Gear			_	General		1			٦	_	-
	Bending				Bend	ļ	Grain			Ovalized	Ļ	Pressure/Forced
	Centre N	ot Conce	ntric to	o/s	BOM/Route	_	Hardwa		ļ	Over/Under	⊢	Temperature/Cure
	Cracks -				Broken/Damaged	<u> </u>	1	ion Incomplete		Part Incorre	-	Weld
	Crushed/	Crimped	-		Burrs	<u> </u>	1	ions Incomplete/	Unclear	Part Lost/Mi	issing	Wrong Stock Pulled
	Cuffs				Contamination	-	Mainte			Part Moved		•
•	Heat Trea	at			Countersink	<u> </u>	Mislabe		<u></u>	Positioned V		 1
	Inspectio	n Strip in	Tube		Cut Too Short		Misread	d		Power Loss/	Surge	Other
	Ripples in	n Bend			Drill Holes		Offset					
	Torque W	Vaves in E	Extrusio	n _	Drawing		4	Calibration				
	Turning Sequence Finish Out of Sequence											

Outside Dimensions

DQA: _____ Date: ____

Wave/Twist in Tube

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

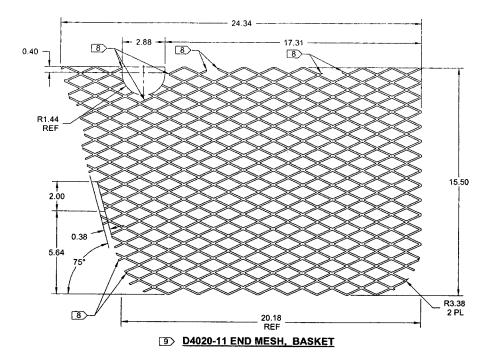


D4020-5: 95.25 D4020-7: 56.00 Đ 21.75 2.00 1.25 D4020-7 D4020-5 25.00 44.66 D4020-5 MESH (350 BASKET LONG, LID) (LOCAL SECTION MESH SHOWN FOR CLARITY) D4020-7 MESH (350 BASKET SHORT, LID) (LOCAL SECTION MESH SHOWN FOR CLARITY) NOTES: 1) MATERIAL: AISI 304/316 EXPANDED STAINLESS STEEL MESH 3/4-16F REF DART SPEC. M304EX0.75-16F 2) FINISH: NONE DESIGN AJS 2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: N/A
7) WEIGHT -5: 0.80 lbs APPROX
-7: 4.49 lbs APPROX
8) LOCAL TRIM MAY BE NECESSARY TO CLEAR FASTENERS/STRUCTURE SEE NEXT ASSY FOR DETAILS
9) TOLERANCE ON XX.XX DIMENSIONS ± 0.06. DART AEROSPACE LTD DRAWN JPH HAWKESBURY, ONTARIO, CANADA DRAWING NO. CHECKED REV. A D4020 MFG. APPR. SHEET 2 OF 4 TITLE APPROVED SCALE 350 BASKET MESH (BASE) DE APPR COPYRIGHT © 2010 BY DART AEROSPACE LTD

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NOT TO BE USED FOR ANY PRIVACE, OR COMPANIED TO NOW CHARP PRISON WITHOUT DATE 10.03.04

100172

100172



NOTES:
1) MATERIAL: AISI 304/316 EXPANDED STAINLESS STEEL MESH 3/4-16F REF DART SPEC. M304EX0.75-16F
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: M/A

6) IDENTIFICATION: N/A

7) WEIGHT: 1,22 lbs

7) WEIGHT. 1.2218 SUCCAL TRIM MAY BE NECESSARY TO CLEAR FASTENERS/STRUCTURE SEE NEXT ASSY FOR DETAILS 9) TOLERANCE ON XX.XX DIMENSIONS \pm 0.06.

DESIGN AJS DART AEROSPACE LTD DRAWN JPH HAWKESBURY, ONTARIO, CANADA CHECKED W DRAWING NO. REV. A D4020 MFG. APPR. SHEET 3 OF 4 TITLE APPROVED SCALE 350 BASKET MESH (BASE)

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TO THE CONTROLLING THE PORT OF THE PORT DE APPR. DATE 10.03.04

